

## ABSTRACT OF THE DISCLOSURE

1 Methods, systems, and computer program products for caching content that has been  
2 customized based on one or more operating characteristics of a mobile client. A mobile  
3 gateway receives content from a content source and customizes the content using transforms  
4 assigned to each mobile client. Transforms account for differences between mobile clients  
5 without imposing significant processing burdens on the content server. Copies of the  
6 content, the transformed content, and a transform identifier are cached at the mobile gateway  
7 so that subsequent requests for the content may be satisfied without requiring access to the  
8 content source. Processing that is common among several transforms may be shared.  
9 Mobile clients may be any type of computer.